Ministry of
Northern Development
and Mines

Ontario

René Fontaine
Minister
George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

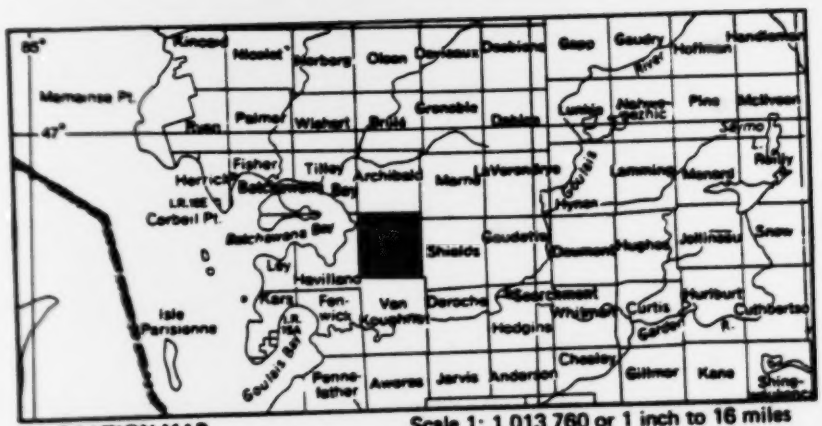
GEOLOGICAL DATA INVENTORY FOLIO

GDIF 306

TUPPER TOWNSHIP

DISTRICT OF ALGOMA

Compiled by the staff of
the Resident Geologist's Office
Sault Ste. Marie



LOCATION MAP

Scale 1: 1 013 760 or 1 inch to 16 miles

86-04707/

NTS Number 41 K/16

Mining Claim Map Number M-1361

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey
1985: Tupper Township, District of Algoma; Ontario Geological Survey, Geological Data Inventory Folio 306, compiled by the staff of the Resident Geologist's Office, Sault Ste. Marie, 16 pages and 2 maps.

Original Compilation by: Ashick, L. J. and Messenger, D.E., 1985

Date	Page Revised	Revised by

Date	Page Revised	Revised by

TUPPER TOWNSHIP

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ACCOMPANYING MAPS

Property Location Map 1 map

Exploration Data Map 1 map

Map Scale 1: 31 680 or 1 inch to ½ mile

CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

CONVERSION FROM SI TO IMPERIAL			CONVERSION FROM IMPERIAL TO SI		
SI Unit	*Multiplied by*	*Gives*	*Imperial Unit*	*Multiplied by*	*Gives*
			LENGTH		
1 mm	0.039 37	inches	1 inch	**25.4**	mm
1 cm	0.393 70	inches	1 inch	**2.54**	cm
1 m	3.280 84	feet	1 foot	**0.304 8**	m
1 m	0.049 709 7	chains	1 chain	20.116 8	m
1 km	0.621 371	miles (statute)	1 mile (statute)	**1.609 344**	km
			AREA		
1 cm^2	0.155 0	square inches	1 square inch	**6.451 6**	cm^2
1 m^2	10.763 9	square feet	1 square foot	**0.092 903 04**	m^2
1 km^2	0.386 10	square miles	1 square mile	2.589 988	km^2
1 ha	2.471 054	acres	1 acre	0.404 685 6	ha
			VOLUME		
1 cm^3	0.061 02	cubic inches	1 cubic inch	**16.387 064**	cm^3
1 m^3	35.314 7	cubic feet	1 cubic foot	0.028 316 85	m^3
1 m^3	1.308 0	cubic yards	1 cubic yard	0.764 555	m^3
			CAPACITY		
1 L	1.759 755	pints	1 pint	0.568 261	L
1 L	0.879 877	quarts	1 quart	1.136 522	L
1 L	0.219 969	gallons	1 gallon	**4.546 090**	L
			MASS		
1 g	0.035 273 96	ounces (avdp)	1 ounce (avdp)	28.349 523	g
1 g	0.032 150 75	ounces (troy)	1 ounce (troy)	**31.103 476 8**	g
1 kg	2.204 62	pounds (avdp)	1 pound (avdp)	**0.453 592 37**	kg
1 kg	0.001 102 3	tons (short)	1 ton (short)	**907.184 74**	kg
1 t	1.102 311	tons (short)	1 ton (short)	**0.907 184 74**	t
1 kg	0.000 984 21	tons (long)	1 ton (long)	**1016.046 908 8**	kg
1 t	0.984 206 5	tons (long)	1 ton (long)	**1.016 046 908 8**	t
			CONCENTRATION		
1 g/t	0.029 166 6	ounce (troy)/ ton (short)	1 ounce (troy)/ ton (short)	34.285 714 2	g/t
1 g/t	0.583 333 33	pennyweights/ ton (short)	1 pennyweight/ ton (short)	1.714 285 7	g/t

OTHER USEFUL CONVERSION FACTORS

1 ounce (troy)/ton (short)	20.0	pennyweights/ton (short)
1 pennyweight/ton (short)	0.05	ounce (troy)/ton (short)

One gram(g) per tonne is equivalent to one part per million (1 ppm).

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

	SOURCES OF DATA	Data	Initial
1	Resident Geologist's Office Files	Yes	L.A./D.M.
2	Assessment Files Research Office, Toronto	Yes	A.F.R.O.
3	ODM General Index; 9 Volumes	Yes	L.A./D.M.
4	Catalogue of Airborne Geophysical Surveys (ODM)	No	L.A./D.M.
5	ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars	Yes	L.A.
6	ODM Industrial Mineral Reports	No	L.A./D.M.
7	Bibliography of Post Precambrian Theses - Karrow (ODM MP 1)	No	L.A.
8	Bibliography of Precambrian Theses - Ginn (ODM MP 2)	No	D.M.
9	Newspaper Clippings File	Yes	D.M.
10	GSC Index to Publications	Yes	L.A./D.M.
11	OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77	No	D.M.
12	OGS Index Maps	Yes	L.A.
13	Source Mineral Deposit Records (O.G.S.) -M.D.I.R.	Yes	L.A.
14	Author - Subject Articles File	No	L.A.
15	Miscellaneous Papers: ODM & OGS	Yes	L.A./D.M.
16	ODM Geological Circulars: OGS Study Series	No	L.A.
17	ODM Preliminary Reports: ODM Bulletins	No	D.M.
18	ODM – OGS Open File Reports	Yes	L.A.
19	OGS Northern Ontario Engineering Geology Terrain Studies	Yes	L.A.
20	OGS Aggregate Resources Inventory Papers	No	L.A.
21	OGS Mineral Potential Maps	Yes	L.A.
22	Algoma Central Railway Maps	Yes	L.A.

METALS AND MINERALS REFERENCES LIST

- △ anh. . . . . .Anhydrite
- △ ank. . . . . .Ankerite
- △ anna . . . . . Annabergite
- △ ap. . . . . .Apatite
- △ arg . . . . . Argentite
- △ As . . . . . .Arsenic
- △ asp . . . . . .Arsenopyrite
- △ asb . . . . . .Asbestos
- △ ba. . . . . .Barite
- △ be. . . . . .Beryl
- △ Bi. . . . . .Bismuth
- △ bn . . . . . .Bornite
- △ bran . . . . . .Brannerite
- △ bruc . . . . . .Brucite
- △ Cd . . . . . Cadmium
- △ calc. . . . . Calcite
- △ carb . . . . . .Carbonate
- △ cel . . . . . .Celestite
- △ cc. . . . . .Chalcocite
- △ cp. . . . . .Chalcopyrite
- △ ch. . . . . .Chert
- △ clay . . . . . .Clay
- △ Co . . . . . Cobalt
- △ cob. . . . . Cobaltite
- △ cb. . . . . .Columbite
- ▲ Cu . . . . . .Copper
- △ cor . . . . . Corundum
- △ dol . . . . . Dolomite
- △ ep. . . . . Epidote
- △ ery . . . . . Erythrite
- △ fel . . . . . .Feldspar
- △ fl . . . . . .Fluorite (flurospar)
- △ fu. . . . . .Fuchsite
- △ gn. . . . . .Galena
- △ gt. . . . . .Garnet
- △ goe . . . . . .Goethite
- △ Au . . . . . Gold
- △ gf . . . . . .Graphite
- △ gl . . . . . Gravel
- △ gyp. . . . . .Gypsum
- △ hem . . . . . Hematite
- △ il . . . . . .Ilmenite
- △ Fe . . . . . .Iron
- △ IF. . . . . Iron Formation
- △ jas . . . . . Jasper
- △ kaol . . . . . .Kaolinite (kaolin)
- △ ky . . . . . Kyanite
- △ Pb . . . . . Lead
- △ lim . . . . . Limonite
- △ Li. . . . . Lithium
- △ mgst . . . . . .Magnesite
- △ mag . . . . . .Magnetite
- △ mc . . . . . .Malachite
- △ Mn . . . . . Manganese
- △ mb . . . . . .Marble
- △ mar. . . . . .Marcasite
- △ ma . . . . . .Marl
- △ mi . . . . . Mica
- △ ml . . . . . .Millerite
- △ mo . . . . . .Molybdenite
- △ Mo . . . . . .Molybdenum
- △ mon . . . . . Monazite
- △ ne. . . . . Nephelite (nepheline)
- △ nc. . . . . .Niccolite
- ▲ Ni. . . . . Nickel
- △ Nb . . . . . .Niobium
- △ Pd . . . . . .Palladium
- △ peat . . . . . .Peat
- △ pent . . . . . .Pentlandite
- △ Pt. . . . . .Platinum
- △ py . . . . . .Pyrite
- △ pyl . . . . . Pyrochlore
- △ pyrl . . . . . .Pyrolusite
- △ po . . . . . .Pyrrhotite
- △ q . . . . . Quartz
- △ qcv . . . . .Quartz carbonate vein
- △ ra. . . . . .Radioactive minerals
- △ RE . . . . . .Rare Earths
- △ sd. . . . . Sand
- △ sgl . . . . . Sand and gravel
- △ ss . . . . . .Sandstone
- △ scap . . . . . Scapolite
- △ shee . . . . . .Scheelite
- △ serp . . . . . Serpentine
- △ sh. . . . . Shale
- △ sid . . . . . Siderite
- △ si . . . . . Silica
- △ Ag . . . . . .Silver
- △ sl . . . . . Slate
- △ sm . . . . . .Smaltite
- △ sod . . . . . Sodalite
- △ spec . . . . . Specularite
- △ sp. . . . . .Sphalerite
- △ spd . . . . . .Spodumene
- △ staur . . . . . .Staurolite
- △ stib. . . . . Stibnite
- △ st . . . . . .Stone
- △ talc. . . . . .Talc
- △ Te . . . . . .Tellurium
- △ td. . . . . Tetrahedrite
- △ th. . . . . .Thorite
- △ Th . . . . . .Thorium
- △ thuc . . . . . Thucholite
- △ ti . . . . . Titanite
- △ Ti. . . . . Titanium
- △ tour . . . . . .Tourmaline
- △ trap . . . . . .Trap rock
- △ W. . . . . Tungsten
- △ uran . . . . . Uraninite
- ▲ U . . . . . .Uranium
- △ verm . . . . . .Vermiculite
- △ Y . . . . . Yttrium
- △ Zn . . . . . .Zinc
- △ zr . . . . . Zircon

Solid triangles indicate metal and mineral occurrences shown on the accompanying maps.

MINERAL OCCURRENCES

Map Ref. Letter	Name(s)	Mineralization	Source Mineral Deposit Record	References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports	Additional References and/or Remarks
A	Pitchore Prospect Wolfe Lake Prospect	Cu,U	00022	MDC 9, p. 51 MDC 12, p. 69 MDC 25, p. 55	-showing No. 6 on ACR Map -from OGS Map 2419 -MDIR A0095
B	Bone Lake South Prospect Ontario Rare Metals	Cu		MDC 12, p. 68	-showing No. 24 on ACR Map -from OGS Map 2419
C	Unnamed Occurrence	Cu,Ni		MDC 1, p. 47 MDC 2, p. 83 MDC 12, p. 105	-showing No. 8 on ACR Map -from OGS Map 2419
D	Ontario Rare Metals Occurrence	Cu			-showing No. 24 on ACR Map -see file Tupper 0010-A1

GDIF FORM NO. 1

TUPPER TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done; e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
1	Ontario Rare Metals Mines Ltd. (Tupper 0010-A1)	55						55					55							
2	Pitch Ore Uranium Mines Ltd. Algoma Central Railway (Tupper 0010-E1)					55														
3	Robertson, J.A. (Tupper 0011-A1)				52															
4	Ontario Rare Metals Mines Ltd (Tupper 0011-B1)				55	55								55						
5	Pitch Ore Uranium Mines Ltd. (Tupper 0012)				55	55														
6	Pitch Ore Uranium Mines Ltd. (Shields 0011-B1)			54				55, 56				55								

GDIF FORM NO. 7

UPPER TOWNSHIP

TYPE OF WORK		Numbers below represent the year in which the work was done;e.g., 68 for 1968.																		
EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE		GEOLOGICAL	GEOCHEMICAL	TRENCHING, STRIPPING	DRILLING	ASSAY DATA	UNDERGROUND WORK	PROSPECTUS, NOTES, CORRESPONDENCE	AIRBORNE MAGNETOMETER	AIRBORNE ELECTROMAGNETIC	AIRBORNE RADIOMETRIC	GROUND MAGNETOMETER	GROUND ELECTROMAGNETIC	GROUND RADIOMETRIC	INDUCED POLARIZATON	SELF POTENTIAL	RESISTIVITY			
COMPANY/AUTHOR (file number)																				
7	Rupert, R. J. (Havilland 0010-B1)					72		73												
8	Technical Mine Consultants Ltd. (Archibald 0011-A1)							55	55	55	55									

GDIF FORM NO. 7

5

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
1	Robertson, J. A.	1	1952	?	-45°	0	67		
2	Ontario Rare Metals Mines Ltd.	TP-1	1955	S57°W	-45°	32	358	py,ep,qv, mag,calc	
2	Ontario Rare Metals Mines Ltd.	TP-2	1955	S15°W	-45°	28	398	ep,py,qv, calc	
2	Ontario Rare Metals Mines Ltd.	TP-4	1955	Due East	-45°	30	320	qv	
3	Pitch-Ore Uranium Mines Ltd.	1	1955	S12°W	-46°	?	151	mag,hem, py,cp	Au,Ag,Cu, U3O8
3	Pitch-Ore Uranium Mines Ltd.	2	1955	S12°W	-46°	?	126	mag,hem,py, cp,qv	U3O8,Cu
3	Pitch-Ore Uranium Mines Ltd.	3	1955	S12°W	-62°	?	44	cp,py,qv	Co,U3O8, Cu
3	Pitch-Ore Uranium Mines Ltd.	4	1955	S32°E	-46°	?	47	hem,mag,cp, py,cc,qv	Au,Ag, U3O8,Cu
4	Pitch-Ore Uranium Mines Ltd.	8	1955	S12°W	-46°	?	171	hem,py,cp, mag,calc,qv	Cu
4	Pitch-Ore Uranium Mines Ltd.	9	1955	S13°W	-80°	5	300	hem,cp,py, qv	Cu
4	Pitch-Ore Uranium Mines Ltd.	10	1955	S13°W	-46°	5	175	mag,py,hem,q	Cu

GDIF FORM NO. 3

TUPPER TOWNSHIP

DRILLHOLE SUMMARY

Map Drilling Location Number	Company Name	Company Drillhole Number	Date Drilled	Bearing Azimuth	Initial Dip of Hole	Thickness of Overburden	Total Length of Hole	Mineralization Noted in Log	Assay Data Included for
5	Pitch-Ore Uranium Mines Ltd.	L1	1955	S11°W	-45°	6	216	hem,py,cp,q	Cu
6	Pitch-Ore Uranium Mines Ltd.	L2	1955	N12°W	-45°	7	350	hem,py,cp, q,qcv	
7	Pitch-Ore Uranium Mines Ltd.	L3	1955	S12°W	-45°	8	308	py,hem	
8	Pitch-Ore Uranium Mines Ltd.	L4	1955	S12°W	-45°	7	324	py,hem	

GDIF FORM NO. 3

AIRBORNE GEOPHYSICAL SURVEY DATA

No.	By / For	Type of Survey	Flight Altitude	Flight Line Direction	Flight Line Spacing
8	-by Aeromagnetic Surveys Limited -for Technical Mine Consultants Ltd. -1955	-a. magnetometer -b. dual-frequency electromagnetic equipment -c. airborne radiation detector	500'	N-S (approx.)	1/8 mile

GDIF FORM NO. 4

TUPPER TOWNSHIP

Map Sample Site Reference Number	GEOCHEMICAL SURVEY DATA		By	Reference
	Type of Survey	Analysis For		
1	Lake Sediment	Zn,Cu,Pb,Ni,Co,Ag,Mn,As, Mo,Fe,U	OGS-GSC 1979	OGS-OFR 5266

GDIF FORM NO.

MISCELLANEOUS DATA

AGE DATING

Site	Method	Material	Reference	Result

NEWSPAPER CLIPPINGS FILE

NOTE A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office. Sault Ste. Marie

Belleterre Quebec Mines Ltd.

ODM GENERAL INDEX SEARCH

Words searched:

Tupper Twp.	Stokely Cr.	Belleau L.
Tupper L.	Iron L.	Evans L.
Picard L.	Hawk L.	Walker L.
Bojack L.	Wolfe L.	Sayer L.
Bone L.	Sawmill R.	Sayer R.
Stokely L.	Jones Cr.	

Index Volume	Listing:	Report Volume	Part	Page
I	no listings			
II	Tupper Tp., Alg.			
	Basement series	XXXV	2	5
	schists	XXXV	2	10
	Huronian	XXXV	2	28
	Keweenawan	XXXV	2	38
	Keweenawan, see also map 35a with	XXXV	2	
	Metalliferous prospects	XXXV	2	46
	Water, artesian	XXXV	2	50
II	Picard Lake, Tupper Tp.			
	Granite. See map 35a with	XXXV	2	
II	Bone Lake, Tupper Tp.			
	Quartzite N. of,	XXXV	2	27
	Younger granite. See map 35a with	XXXV	2	
II	Stokely Creek, Stokely lake	XXXV	2	3,26
II	Stokely Lake, Tupper Tp.			
	Granite. See map 35a with	XXXV	2	
II	Belleau Lake, Tupper Tp.			
	Granite. See map 35a with	XXXV	2	
II	Evans Lake, Tupper Tp.			
	Younger granite. See map 35a with	XXXV	2	
II	Walker Lake, Tupper Tp.			
	Younger granite. See map 35a with	XXXV	2	

GDIF FORM NO. 8

ODM GENERAL INDEX SEARCH

Words searched:

Index Volume	Listing:	Report Volume	Part	Page
II	Sayer Lake, Tupper Tp. Granite. See map 35a with	XXXV	2	
III	no listings			
IV	no listings			
V	no listings			
VI	no listings			
VII	no listings			
VIII	Tupper Tp., Algoma District copper	MRC 012		68-69
VIII	Bone Lake South Prospect Tupper Tp., Algoma Dist.	MRC 012		68
VIII	Wolfe Lake Prospect Tupper Tp., Algoma Dist., mining property, report on	MRC 012		69
IX	no listings			

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Algoma Central Railway	1964	Searchmont - Sault Ste. Marie	Map 41K 9&16	1" to 1 mi
Born, P.	1985	Geology of the Havilland-Goulais Bay Area, District of Algoma	OGS MP 126	p. 99-102
Cowan, W. R.	1976	Quaternary Geology of the Sault Ste. Marie Area	OGS MP 67	pp 134-136
Giblin, P.E. Leahy, E.J., and Robertson, J.A.	1979	Sault Ste. Marie - Elliot Lake	OGS Map 2419	1" to 4 mi.
Giblin, P.E. and Leahy, E.J.	1977	Batchawana	OGS prelim. map P.302	1" = 2 miles
McConnell	1926	Sault Ste. Marie	ODM Vol. 35, pt. 2, with 35a	1" = 2 miles 52 pages
McQuay, D.F.	1980	Sault Ste. Marie: Northern Ontario Geology Terrain Study	NOEGTS Study 91 with map 5013	21 pages 1:100,000
ODM-GSC	1963	Aeromagnetic Map: Searchmont	Map 2201G	1" to 1 mi.
OGS-GSC	1979	Regional Lake Sediment and Water Geochemical Reconnaissance Data, Eastern Shore Lake Superior	OGS Open File Rpt. 5266 and 16 maps	52 pages 1:250,000

GDIF FORM NO.9

SELECTED REFERENCES

Author	Date	Title	Reference	Map Scales and/or Report Pages
Robertson, J.A. and Gould, K.L.	1982	Uranium and Thorium Deposits of Northern Ontario	OGS Open File Rpt. 5371	p. 171
Springer, J.S. Robertson, J.A. and Vos, M.A.	1982	Mineral Potential Map of Ontario, East Central Sheet	OGS Open File Rpt. 5327	?
Springer, Janet	1977	Ontario Mineral Potential Map: Blind River Sheet and Part of Sault Ste. Marie Sheet	O.G.S. prelim. map P.1513	1:250,000

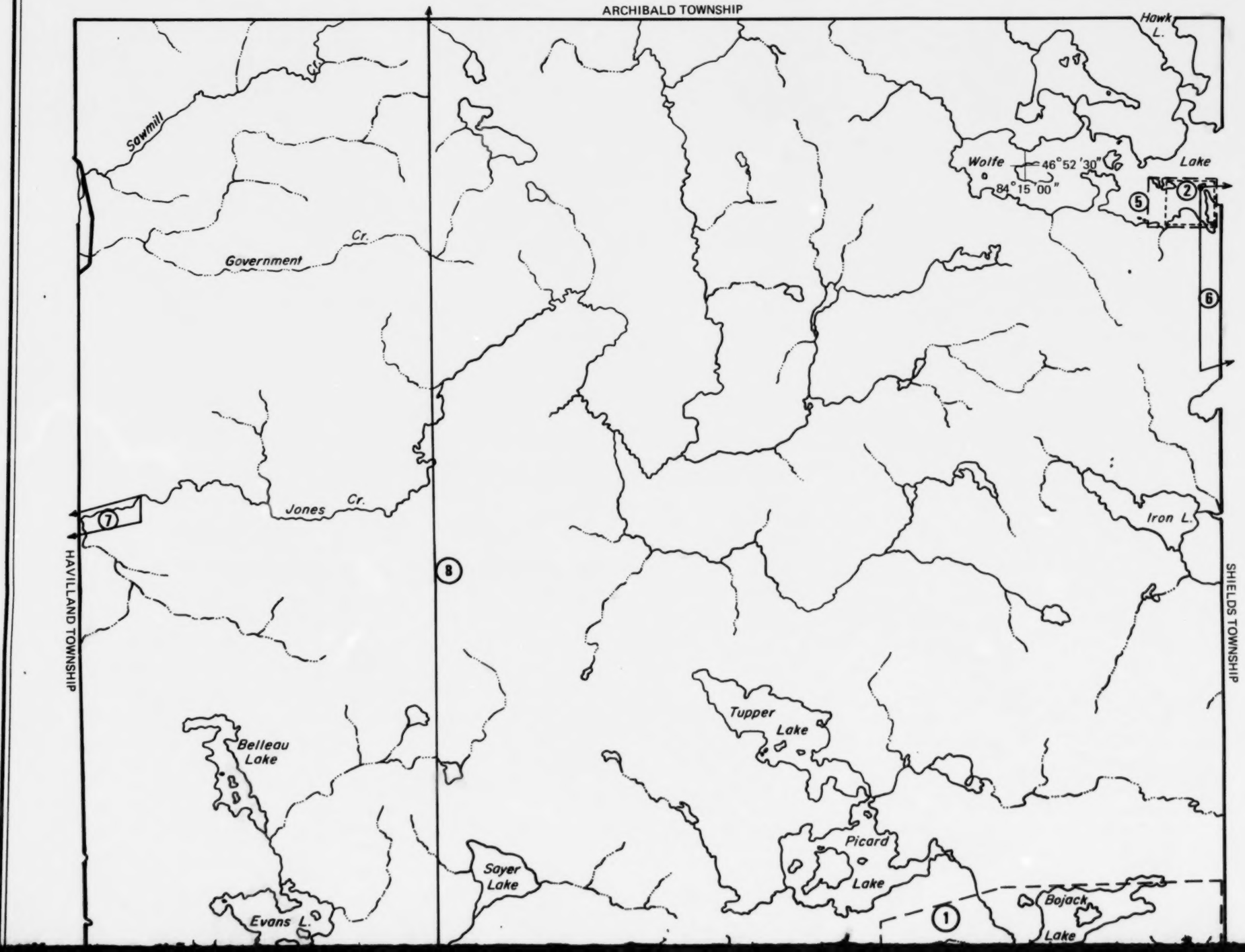
GDIF FORM NO.9

NOTES AND ADDENDA

-Brief computer based index level data files pertaining to mineral occurrences in this township or area can be found in:

1. Pearson, W.N. et al
   1985: Copper Deposits and Occurrences in the North Shore Region of Lake Huron, Ontario; Geological Survey Canada Paper 83-28.

2. Rose, D.G.
   1985: Mineral Inventory of the Sudbury - Timmins - Sault Ste. Marie Region, Ontario; Geological Survey Canada Open File 1087.



Ministry of Northern Development and Mines

Ontario

René F
Ministe
Georg
Deputy M

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 30

(Map 1 of 2)

TUPPER TOWNSH

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5

ARCHIBALD TOWNSHIP

SHIELDS TOWNSHIP

Hawk L.

Wolfe Lake

46°52'30"
84°15'00"

Sawmill Cr.

Government Cr.

Jones Cr.

Iron L.

Belleau Lake

Tupper Lake

Picard Lake

Sayer Lake

Evans L.

Bojack

5 2 6 8 1

Ministry of Northern Development and Mines

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Deputy Minister

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 306

(Map 1 of 2)

TUPPER TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 3

(Map 1 of 2)

TUPPER TOWNSH

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5

Government Cr.

Wolfe Lake

46°52'30"

84°15'00"

Jones Cr.

Iron L.

HAVILLAND TOWNSHIP

SHIELDS TOWNSHIP

Tupper Lake

Belleau Lake

Sayer Lake

Picard Lake

Bojack Lake

Evans L.

Walker L.

84°21'00"

46°48'30"

Stokely L.

Sayer Cr.

Bone Lake

VAN KOUGHNET TOWNSHIP

EXPLORATION DATA FILE AREAS

Reference number is always inside work area
See listing in text pages.

Small area exploration.

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 306

(Map 1 of 2)

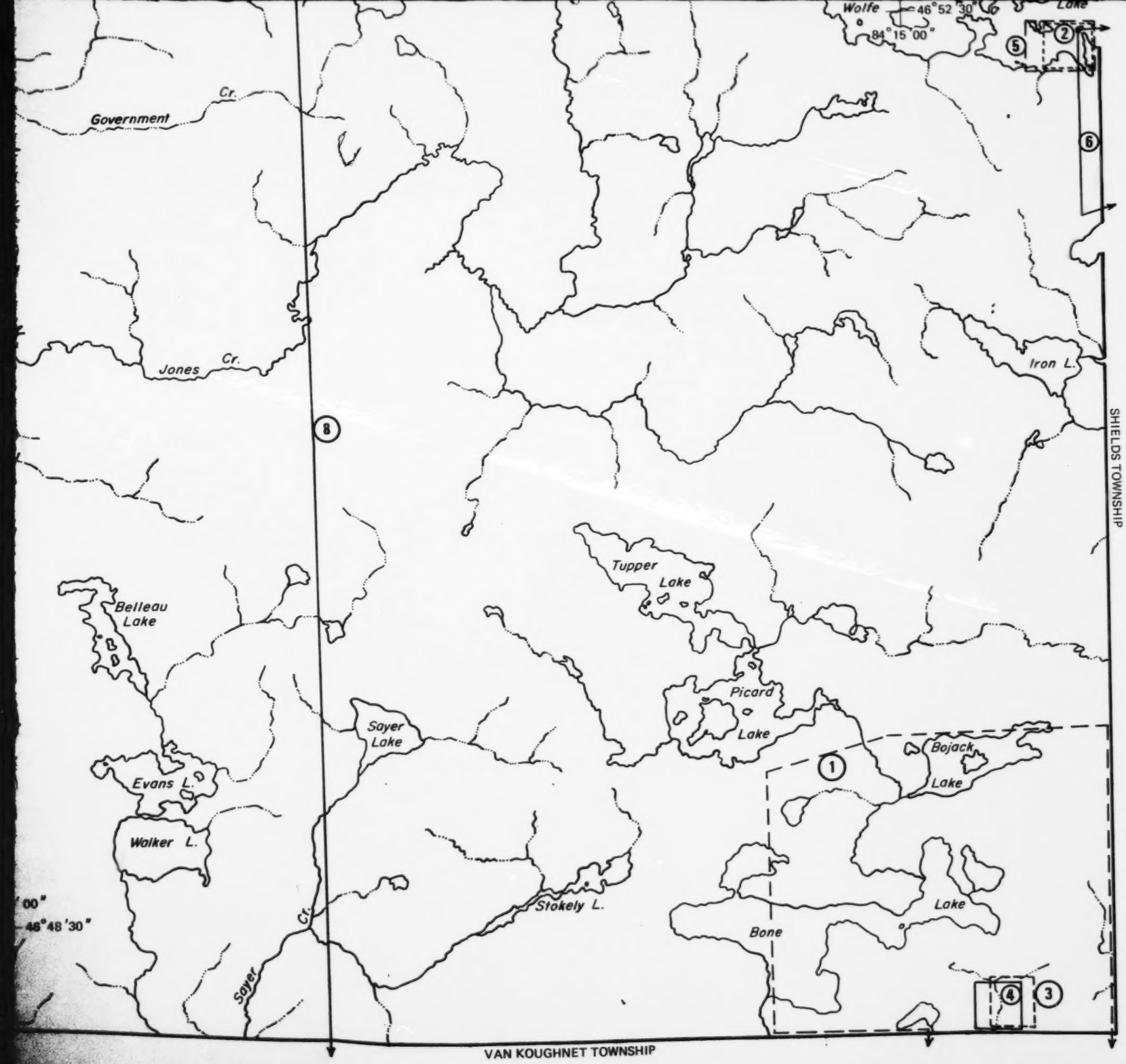
TUPPER TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



EXPLORATION DATA FILE AREAS

■ ① ⑥ Reference number is always inside work area outlined. See listing in text pages.

□ x ④ Small area exploration.

TYPES OF DATA SHOWN ON THIS MAP

GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- ■ Geochemical sample site, with reference number
- □ Area of geochemical sampling, with reference number
- □ Age dating material sampling site, with reference number

GEOPHYSICAL ANOMALIES

- □ AM — Airborne magnetic anomaly
- □ Airborne electromagnetic anomaly Length of anomaly along flight line
- □ Airborne electromagnetic anomaly Location of anomaly along flight line
- □ Airborne electromagnetic anomaly Conductor axis: definite, probable, possible
- □ ARA — Airborne radiometric anomaly
- □ M — Ground magnetic anomaly
- ■ VL — Ground electromagnetic anomaly (VL - Vertical loop; HL - Horzontal loop; VLF - Very low freq; Turam; JEM - Crone Em - 16)
- □ RA — Ground radiometric anomaly
- □ IP — Induced polarization anomaly
- □ SP — Self potential anomaly
- □ AFMAG — Audio-frequency magnetic anomaly (total intensity)
- □ R — Resistivity anomaly
- □ GR — Gravity anomaly

MISCELLANEOUS DATA

- ■ Trenching, pit
- □ Adit
- □ Open pit
- □ Rock quarry
- □ Sand and/or gravel pit

ARCHIBALD TP

HAVILLAND TP

Sawmill Cr.
Jones Cr.
Government Cr.
Jones Cr.
Jones Cr.
3 LINES
Belleau L.
Evans L.
Walker L.
Sayer L.
Stokely L.
Tupper L.
Picard L.
Bojack L.
Iron L.
Wolfe L.
46°52'30"
84°15'00"
(17)
Up
Shep
L.
Hom
L.
L.
L.

ARCHIBALD TP

SHIELDS TP

Cr.

Government

Jones

Cr.

Jones

Cr.

Hawk L.

46°52'30"

84°15'00"

Wolfe L.

Upper Sheppard L.

Iron L.

Tupper L.

Belleau L.

Sayer L.

Picard L.

Bojock L.

Evans L.

Walker L.

Cr.

Stokely L.

3 LINES

Ministry of Northern Development and Mines

Ontario

René Fontaine
Minister

George Tough
Deputy Minister

ONTARIO GEOLOGICAL SURVEY

EXPLORATION DATA MAP

GEOLOGICAL DATA INVENTORY FOLIO 306

(Map 2 of 2)

TUPPER TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- cp A. — Mineral occurrence at surface, with reference letter
- Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- Ag ? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- cp A. — Mineralized float with reference letter

DRILLHOLE

- ●² — Location of single drillhole, with reference number
- ◎² — Location of closely spaced group of drillholes, with reference number
- ?² — Drillhole, exact location uncertain, with reference number

CODE 306

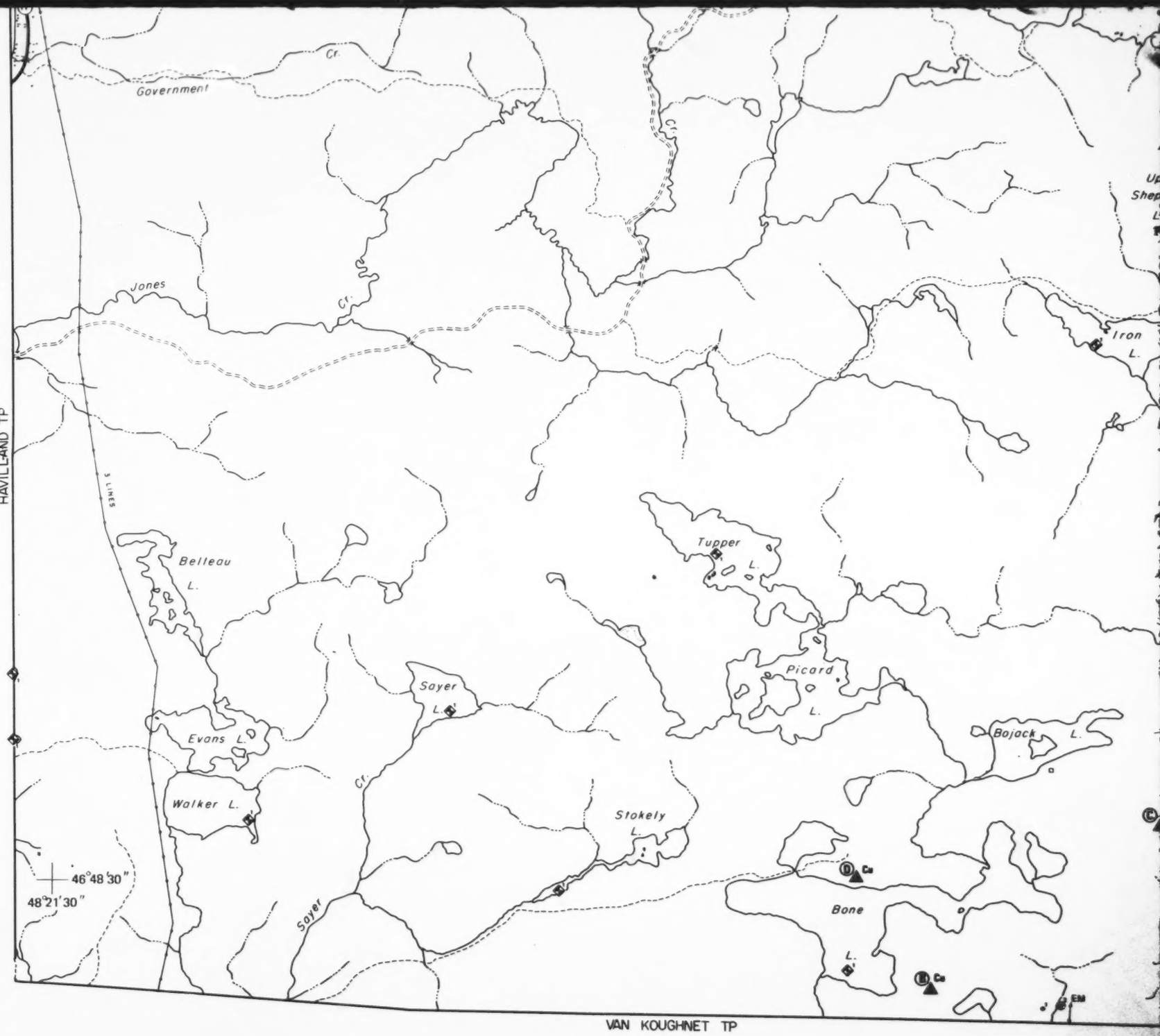
GEOPHYSICAL ANOMALIES

- ☐ -AM- Airborne magnetic anomaly
- ☐ Airborne electromagnetic anomaly
  Length of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Location of anomaly along flight line
- ☐ Airborne electromagnetic anomaly
  Conductor axis: definite, probable, possible
- ☐ -ARA- Airborne radiometric anomaly
- ☐ -M- Ground magnetic anomaly
- ■ -VL- Ground electromagnetic anomaly
  (VL - Vertical loop; HL - Horzontal loop;
  VLF - Very low freq; Turam; JEM -
  Crone Em - 16)
- ☐ -RA- Ground radiometric anomaly
- ☐ -IP- Induced polarization anomaly
- ☐ -SP- Self potential anomaly
- ☐ -AFMAG- Audio-frequency magnetic anomaly
  (total intensity)
- ☐ -R- Resistivity anomaly
- ☐ -GR- Gravity anomaly

MISCELLANEOUS DATA

- ■ Trenching, pit
- ☐ Adit
- ☐ Open pit
- ☐ Rock quarry
- ☐ Sand and/or gravel pit

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



GEOLOGICAL DATA INVENTORY FOLIO 306

(Map 2 of 2)

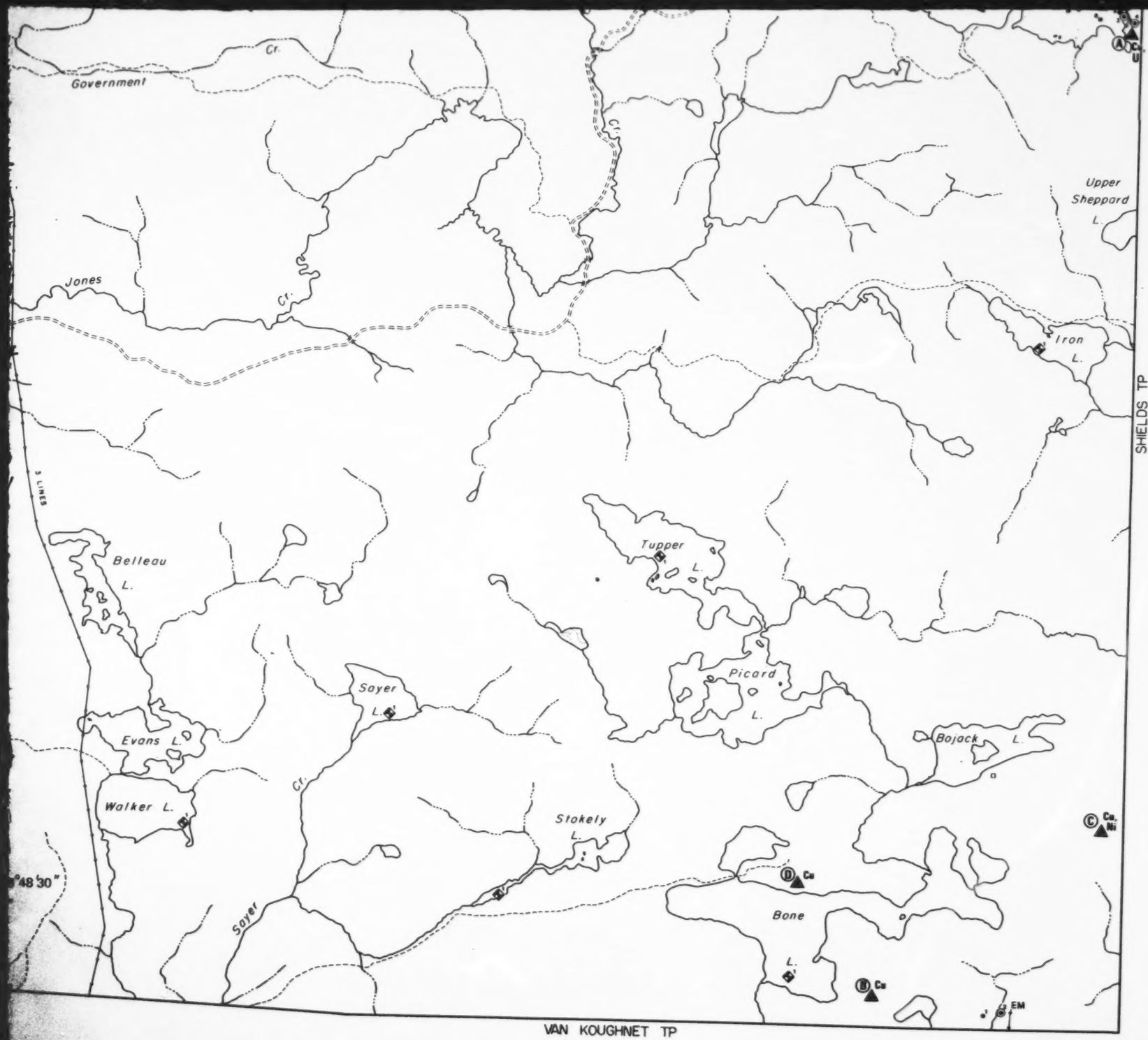
TUPPER TOWNSHIP

DISTRICT OF ALGOMA

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile



GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

MINERAL OCCURRENCES

- ■ cp ▲ A. — Mineral occurrence at surface, with reference letter
- □ Au ◪ A. 84' — Mineral occurrence with shaft, depth given with reference letter
- □ Ag △? A. — Mineral occurrence reported but exact location uncertain, with reference letter
- □ cp ▬ A. — Mineralized float with reference letter

DRILLHOLE

- ■ •² — Location of single drillhole, with reference number
- ■ ◉² — Location of closely spaced group of drillholes, with reference number
- □ (?)² — Drillhole, exact location uncertain, with reference number
- □ ◡ — Property with underground drillholes in this general area, with reference number
- □ ○² — Property with drillholes which have not been plotted on map, with reference number
- □ ⊕² — Reverse circulation drillhole; churn drilling, with reference number